



FEEDBACK

VOLUME 65 ISSUE 1

January 2020

MASSILLON AMATEUR RADIO CLUB OFFICERS

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w8au@sssnet.com

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Vern Sproat
KE8VS
vsproat@hotmail.com

TREASURER

Dan Anastis
N8DZM
ddann@sbcglobal.net

MRN NET Sundays at 8:00 PM
3599.50 KHZ

WEST STARK INFO NET
Friday's 8:00 PM 147.180 MHz

CONTENTS

Secretary Report	2
Editors Comments	4
KB6NU Comments	5
Calendar by K8INN	7
Back Page	8

JANUARY MEETING, ANNUAL AWARDS BANQUET

The January meeting will be our annual Awards Banquet. This year it will be on Saturday, January 4th, 2020. It will be held at Otterbein Methodist Church, 6025 Shepler Church Avenue SW, Navarre, OH 44662. Cost is \$12.00 per person and will start at 6:00 PM.

The menu is a choice of Swiss Steak or Chicken along with green beans, mashed potatoes, garden salad, and pie for dessert. Coffee and water will be provided.

RSVP to Perry, W8AU, via email to w8au@sssnet.com or phone to 330-705-8449 and leave a message prior to December 30th, 2019.

ELECTIONS RESULTS

Annual elections were held at the December meeting. No new nominees were chosen at the meeting. All current officers agreed to accept their respective office for another year. Mid year Trustee Fred Reed, KD8SMO was elected to a full term commencing in January 2020. We thank our returning officers as they lead us into a new year.

ARRL NEWS

The lead developer of the bar code system that became the now-ubiquitous Universal Product Code (UPC), George Laurer, K4HZE, of Wendell, North Carolina, died on December 5. He was 94. While an electrical engineer with IBM in North Carolina's Research Triangle Park in the early 1970s, Laurer led the effort to develop the bar code system. The UPC, composed of 30 unique black bars and a 12-digit number, allows retailers to identify products and prices as they are scanned. It was used for the first time in a retail setting in 1974.

Laurer also later patented one of the first handheld UPC scanners, according to his obituary. As *The Washington Post* [reported](#), "The bar-code concept had originated in the 1940s, when [N. Joseph Woodland](#) designed a bull's eye-shaped system of concentric circles, inspired by the dots and dashes of Morse code." Woodland became a colleague of Laurer's at IBM, and Laurer considered him "the father of the super-market scanning system." A native of New York, Laurer served in the US Army during World War II after being drafted while he was still a junior in high school.

MARC W8NP Minutes December 6, 2019 Meeting at Massillon Senior Center

Perry W8AU called the meeting to order at 7:30 pm.

After the Pledge of Allegiance, Perry W8AU opened the meeting with a request for any corrections to the printed November meeting minutes, hearing none the report as accepted as printed in the newsletter.

Wade WD8MIU identified there are orange vests available to use for next year's Massillon Christmas parade.

Chris KD8TNF noted that the power on the 147.180 recently seems to have less power. Jim WA8GXM said he had shut down the 675.

Treasurer's Report: Dan N8DZM provided account balances for all and a report on our Hamfest being financially better than last year. A motion was made to accept the report by Jim WA8GXM & Don W8DEF seconded. The motion passed.

A discussion ensued about keeping the tickets for emailing attendees for next year's Hamfest event and that maybe Igor K8INN may want to assist in recording the emails. Chris KD8TNF noted if emails are not on the tickets, the emails can be gotten from the call signs using QRZ profiles. The tickets are to be saved for Igor K8INN.

Congratulations went out to our new member **Logan KE8MUP** on passing the technician test.

Don N8IVJ identified Tusco Hamfest Sunday, Jan 26, 2020 and Mansfield Hamfest Sunday, Feb. 16, 2020. On Jan 11, 2020 for 6 hours there is UHF simplex QSO.

Bud WA8KWD, said the Dayton Hamvention pricing have increase \$4 this year to \$26 for advance tickets and \$31 at the door.

Currently there is a Ham radio operator **Cliff Kayhart, W4KKP** of White Rock, South Carolina is 108 years old!

In the Ohio Section News, there is now an equipment swap area. <http://www.arrl-ohio.org/sm/s-s.html>

SKYWARN, Cleveland NWS CLE office <https://www.weather.gov/cle/SKYWARN> is relocating from the airport to downtown Cleveland in the Spring 2020.

MARC, W8NP was thanked with a nice article in the newspaper for assisting with the Massillon Christmas Parade.

Wade WD8MIU identified a few areas which could help. One having more people assisting at the control area. Second that the soccer balls which were given away caused quite a potential for parade attendees and vehicle accidents. Third at the end of the parade near center area that vehicle traffic be held off until the streets are cleared of all of the people attending and floats. (A little more show of authority from the Law Enforcement Forces was requested.)

The frequency used for the parade was 442.85.

New Business:

Perry W8AU, announced the Saturday, January 4th Awards Banquet location is at the **Otterbein Methodist Church, 6025 Shepler Church Ave SW, Navarre, OH 44662. The price is \$12 and starts at 6 pm.**



EDITOR'S COMMENTS

On Saturday Afternoon, November 23rd the club completed our last public service event for the year by assisting with the annual Massillon Holiday Parade, an event we have participated in for the last 44 years making it one of the longest public service events handled by the club.

Our volunteers assisted with parade staging, cable TV interface, logistical support, parade safety and general communications for the 70 plus units that generally make up this annual Massillon Holiday tradition.

Terry Roan, Massillon Holiday Parade Parade Chairman provided a special thank you to the club in a letter to the editor noting *“Massillon’s Amateur Radio Club, with Perry Ballinger (W8AU) as it’s leader provided 22 parade marshals who organized the line-up. To have a successful Holiday Parade we needed the complete support of the citizens of Massillon and surrounding areas—which we definitely had !*

Thank you to everyone who made our Holiday Parade 2019 a huge success .”

Also a special Thank You to all of our club members who helped our with this years parade, we couldn't have done it without you !



Happy New Year !

2019 was another great year for the club. Attendance at monthly meetings continued to be strong. When people attend our meetings I believe it's because they enjoy attending. We have always tried to be professional during our meetings and still have some fun !

We hope you enjoyed the programs we were able to put together as well. Our officers have pledged to continue this trend again this year be we need members help as well to give us some ideas of what you would like to have at meetings. More guest speakers ? More Show & Tell ? Any help would be appreciated.

Club participation at our events was also better than ever, including Field Day, the Swiss Festival and of course our Annual Hamfest. We all appreciated your help with these events.

During the year our club repeaters continued to deliver solid performance including our new DMR repeater. This would not have been possible without the help and dedication of our repeater technical committee.

I hope you will continue to support our club in 2020.

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Dayton Hamvention® is increasing the cost of admission and its booth fees. Hamvention General Chair Jack Gerbs, WB8SCT, announced this week that general admission would rise by \$4 per ticket to \$26 in advance or \$31 at the gate for all 3 days. The cost of flea market spots will go up by \$5 per space, and inside exhibitors will pay \$30 more.

“Hamvention has always strived to produce a very high-quality event for amateur radio enthusiasts from around the globe,” Gerbs said. “We have always felt it is imperative that we give back to amateur radio at many levels. We have been very generous in our support over the years.” Gerbs cited “the economic pressures to present a show like Hamvention” as the reason for the price increases.

Keysight on Scopes by Dan Romanchik, KB6NU

I get a lot of email from Keysight, which used to be Agilent, which used to be Hewlett Packard (HP). I like getting this stuff because I like keeping up with what's going on in the electronics test and measurement world. A lot of it is promotional material, but there's a lot of good info, too.

In particular, they've been sending me a lot of email about oscilloscopes lately. In late September, they sent me a link to the ebook, "*A Step Beyond the Basics: 6 Advanced Oscilloscope Tips.*"

In mid-October, they wrote, "Access best practices that help you get the most out of your oscilloscope and enable you to make more accurate measurements. Learn the basics of triggering, how to choose the right probe, proper signal scaling, how to select the right acquisition mode and more. Download the eBook *6 Essential Tips for Getting the Most Out of Your Oscilloscope* to begin improving your test results today!"

And, a week ago, their email pointed me towards the Oscilloscope Basics Toolkit. "Access popular tips that have helped hundreds of engineers with triggering, scaling signals, selecting the right bandwidth, removing noise from signals, and more," they say.

Here's a tip from *6 Essential Tips for Getting the Most Out of Your Oscilloscope*:

Remember Probing Matters

Choose the right oscilloscope probe Probes are used to connect your oscilloscope to your device under test (DUT), and they are crucial for optimizing signal integrity. There are literally hundreds of different oscilloscope probes available, so how do you choose the right one? There's no single answer because all designs are different. But, here are some different probe characteristics you'll want to consider before making a decision.

Bandwidth

A probe's bandwidth describes how high of a frequency the probe is able to pass on to the oscilloscope. Your probes should be at least 3x to 5x faster than the fastest signal you want to see.

Attenuation ratio

Probes have different (sometimes switchable) attenuation ratios that change how the signals are fed into your oscilloscope. A higher attenuation ratio will allow you to look at higher voltages, but it will also make the scope's internal amplifier noise more pronounced. Low attenuation ratios means you'll see less scope noise but have more system loading distorting your signal.

So, I recently wrote about *Radio Fun*, a publication by Wayne Green, W2NSD (SK). Billed as "The beginner's guide to the exciting world of amateur radio," the tabloid was published for several years in the early 1990s.

It's a decent publication, and some of the wit and wisdom contained therein is still relevant today. Wayne's advice on ragchewing is a good example. The technology may change, but advice like this is still worth reading today.

When Steve, KB9MWR, read my first post on *Radio Fun*, he emailed me:

I had a hand in digitizing 73 magazine some years back. If you ever want to part with those Radio Fun magazines, I'd be interested in buying them and also placing them in the public domain.

December meeting minutes (continued).

Reminder of activities forth coming:

January 4th, 2020 Awards Banquet location is **Otterbein Methodist Church, 6025 Shepler Church Ave SW, Navarre, OH 44662.**

The price is \$12 and starts at 6 pm. Make reservations to **Perry W8AU Prior to Dec.30th 2019.**

The Friday February 7th, 2020 meeting will be at the Massillon Senior Center, 39 Lincoln Way West, Massillon, Ohio 44647

Doors to open at 7 pm with the start of the meeting 7:30 pm. Entry is to be made by the doors on the South East corner.

See the Ohio Section Newsletter for other area information at <http://arri-ohio.org/>

Remember to read information from the section identifying the use of ARES Connect is for all Ham Radio operators and not just for ARES members. <https://arri.volunteerhub.com/lp/oh/>

Nets:

Stark County DMR Net on Monday nights at 7:30 pm.

State Wide Net is Wednesday on channel 4 at 8:30 pm.

Our district is 5. Ohio Statewide TG 3139 & other OH Regional TGs from Repeater / Hotspot Amateur Radio Operators [Amateur DMR Talk Group 3139.](#)

Broadcastify: [W8NP 147.1800 MHz Massillon ARC and WA8GXM 53.0500 MHz Repeaters](#)

[Other topics which we may want to revisit](#)

To boost membership a suggestion was made that the first year be paid for ARRL membership for passing the technicians exam. This is to be discussed more in the next meeting.

Terry N8ATZ is to check the emails for Jerry,N8SH email jshore@neo.rr.com and others that bounce when sending out the Newsletter, the emails are corrected by members in Ham Club Online.

For the repeater at the Affinity Hospital, the newspaper identified the VA is still considering usage of the Affinity Hospital. It would be good to have a VA office in Massillon due to Canton office being so full. A decision is to be made close to the first of the year. Potential of a radio shack in that location?

The menu is a choice of Swiss Steak or Chicken along with green beans, mashed potatoes, garden salad, pie for desert also coffee & water will be provided.

Reservations are to be in to **Perry W8AU email w8au@sssnet.com or by phone 330-705-8449 and leave message prior to December 30th, 2019.**

Election of Officers: no new nominees for 2020 election were identified other than those from the meeting last month of:

Perry W8AU for President, Don N8IVJ for Vice President, Vern KE8VS for Secretary, Dan N8DZM for Treasurer, and Fred KD8SMO for Trustee.

A motion was made by Kris KD8TNF and second by Jim WA8GXM to accept the current slate as the officers for 2020. The motion passed.

Our condolence goes out to the family of Pat KA8DAL who became a silent key Nov. 14, 2019 after a brief illness.

Classes for CW, Technicians & General License are to Start Friday Feb 14th 6 pm at the Massillon Senior Center, 39 Lincoln Way West, Massillon, Ohio 44647. Classes are to continue for 10 weeks.

The DMR repeater used for Monday & Wednesday night was donated to W8NP. Dave WD8AYE has been assisting in keeping it up and running. The original repeater had been replaced, but with this current repeater it is thought that some information in the repeater needs to be updated.

A motion was made to accept the donation by Jim WA8GXM and seconded by Bud KA8KWD. The motion passed.

The meeting concluded with the motion by Jim WA8GXM and seconded by Chris, KD8TNF. The motion passed.

Thanks to those who help in providing the refreshments and items for Show & Tell.

Submitted by Vern KE8VS



January 2020

WSNP Monthly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																										
Upcoming Events: 2/16 - Mid-Winter Hamfest, Mansfield 2/23 - Livonia ARC Swap-N-Shop, MI 2/23 - South Hills Hamfest, South Park Township, PA		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="text-align: center; margin: 0;">Feb 2020</p> <table style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="border: 1px solid black;">S</td> <td style="border: 1px solid black;">M</td> <td style="border: 1px solid black;">T</td> <td style="border: 1px solid black;">W</td> <td style="border: 1px solid black;">T</td> <td style="border: 1px solid black;">F</td> <td style="border: 1px solid black;">S</td> </tr> <tr> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black;">1</td> <td style="border: 1px solid black;"></td> </tr> <tr> <td style="border: 1px solid black;">2</td> <td style="border: 1px solid black;">3</td> <td style="border: 1px solid black;">4</td> <td style="border: 1px solid black;">5</td> <td style="border: 1px solid black;">6</td> <td style="border: 1px solid black;">7</td> <td style="border: 1px solid black;">8</td> </tr> <tr> <td style="border: 1px solid black;">9</td> <td style="border: 1px solid black;">10</td> <td style="border: 1px solid black;">11</td> <td style="border: 1px solid black;">12</td> <td style="border: 1px solid black;">13</td> <td style="border: 1px solid black;">14</td> <td style="border: 1px solid black;">15</td> </tr> <tr> <td style="border: 1px solid black;">16</td> <td style="border: 1px solid black;">17</td> <td style="border: 1px solid black;">18</td> <td style="border: 1px solid black;">19</td> <td style="border: 1px solid black;">20</td> <td style="border: 1px solid black;">21</td> <td style="border: 1px solid black;">22</td> </tr> <tr> <td style="border: 1px solid black;">23</td> <td style="border: 1px solid black;">24</td> <td style="border: 1px solid black;">25</td> <td style="border: 1px solid black;">26</td> <td style="border: 1px solid black;">27</td> <td style="border: 1px solid black;">28</td> <td style="border: 1px solid black;">29</td> </tr> </table> </div>	S	M	T	W	T	F	S						1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	1 BD KASIM New Year's Day	2	3	4 MARC Awards Banquet, Otterbein Methodist Church, 605 Shepler Church Ave SW, Navarre, OH, starts at 1900, Reservations - Perry WBAU
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5 BD KDSUXL BD Patsy Fisher Massillon Radio Net - 3599.5 kHz, 2000	6 BD NBZQF	7 Stark County ARES Net on 147.12 at 7:00 PM	8 BD K8SBZ	9 VE Test Session, Cuyahoga Falls ARC, 1830, James, 234-928-8921, No walk-ins/call ahead, Cuyahoga Falls Library	10 West Stark Info Net - 147.180 at 2000	11																																										
12 Massillon Radio Net - 3599.5 kHz, 2000 VE Test Session, Cuyahoga Falls ARC, 0900, Metro, 216-580-1320, Independence Library	13	14 BD K8SYKE Stark County ARES Net on 147.12 at 7:00 PM	15	16	17 West Stark Info Net - 147.180 at 2000	18																																										
19 Massillon Radio Net - 3599.5 kHz, 2000 SCARF Hamfest, Nelsonville, OH, CTC: Jeremy - 740-767-2554	20 Martin Luther King, Jr	21 Stark County ARES Net on 147.12 at 7:00 PM	22	23	24 West Stark Info Net - 147.180 at 2000	25 BD KC8ZCS Lockport ARA's Hamfest, Lockport, NY, CTC: Mike 716-240-8826																																										
26 Massillon Radio Net - 3599.5 kHz, 2000 Tusco ARC Hamfest, 965 North Wooster Ave, Strasburg, OH, Imica, K8SYDK 330-340-4424	27	28 Stark County ARES Net on 147.12 at 7:00 PM	29	30	31 West Stark Info Net - 147.180 at 2000																																											

Please contact K8NN for updates, changes, or additions.

**Massillon Amateur Radio Club
PO Box 73
Massillon, OH 44648**

FIRST CLASS MAIL

TO:

Club Officers for 2020

President	Perry Ballinger, W8AU
Vice President	Don Rankl, N8IVJ
Secretary	Vern Sproat, KE8VS
Treasurer	Dan Anastis, N8DZM

FEEDBACK Editor Terry Russ, N8ATZ

Trustees Terry Russ, N8ATZ Expires Dec 2020
Wade Huthmacher, WD8MIU Expires Dec 2021
Fred Reed, KD8SMO Expires Dec 2022

W8NP Trustee Perry Ballinger, W8AU

W8NP Webmaster Terry Russ, N8ATZ

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